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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10826744
	Filing Date		2004-04-16
	First Named Inventor	John Harper	
	Art Unit	2628	
	Examiner Name	Maurice McDowell	
Attorney Docket Number		119-0036US	

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/M.M./	1	5388201		1995-02-07	Hourvitz et al.	
/M.M./	2	5490246		1996-02-06	Brotsky et al.	
/M.M./	3	5651107		1997-07-22	Frank et al.	
/M.M./	4	5764229		1998-06-09	Bennett	
/M.M./	5	5793376		1998-08-11	Tanaka et al.	
/M.M./	6	5854637		1998-12-29	Sturges	
/M.M./	7	5872729		1999-02-16	Deolalikar	
/M.M./	8	5877741		1999-03-02	Chee et al.	

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/M.M./	9	5877762		1999-03-02	Young et al.	
/M.M./	10	5933148		1999-08-03	Oka et al.	
/M.M./	11	5949409		1999-09-07	Tanaka et al.	
/M.M./	12	6006231		1999-12-21	Popa	
/M.M./	13	6031937		2000-02-29	Graffagnino	
/M.M./	14	6075543		2000-06-13	Akeley	
/M.M./	15	6166748		2000-12-26	Van Hook et al.	
/M.M./	16	6211890		2001-04-03	Ohba	
/M.M./	17	6215495		2001-04-10	Grantham et al.	
/M.M./	18	6221890		2001-04-03	Ohba	
/M.M./	19	6246418		2001-06-12	Oka	

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/M.M./	20	6266053		2001-07-24	Franch et al.	
/M.M./	21	6272558		2001-08-07	Hui et al.	
/M.M./	22	6321314		2001-11-20	Van Dyke	
/M.M./	23	6362822		2002-03-26	Randel	
/M.M./	24	6369823		2002-04-09	Ohba	
/M.M./	25	6369830		2002-04-09	Brunner et al.	
/M.M./	26	6389830		2002-04-02	Brunner et al.	
/M.M./	27	6411301		2002-06-25	Parikh et al.	
/M.M./	28	6421058		2002-07-16	Parikh et al.	
/M.M./	29	6421060		2002-03-26	Luken	
/M.M./	30	6424348		2002-07-23	Parikh	

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/M.M./	31	6452600		2002-09-17	Parikh et al.	
/M.M./	32	6456290		2002-09-24	Parikh et al.	
/M.M./	33	6457034		2002-09-24	Morein	
/M.M./	34	6466218		2002-10-15	Parikh et al.	
/M.M./	35	6489963		2003-12-03	Parikh et al.	
/M.M./	36	6525725		2003-02-25	Deering	
/M.M./	37	6526174		2003-02-25	Graffagnino	
/M.M./	38	6542160		2003-04-01	Abgrall	
/M.M./	39	6571328		2003-05-27	Liao et al.	
/M.M./	40	6577317		2003-06-10	Duluk, Jr. et al.	
/M.M./	41	6580430		2003-06-17	Hollis et al.	

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/M.M./	42	6600840		2003-07-29	McCossin et al.	
/M.M./	43	6609977		2003-08-26	Shimizu et al.	
/M.M./	44	6614444		2003-09-02	Duluk, Jr. et al.	
/M.M./	45	6618048		2003-09-09	Leather	
/M.M./	46	6636214		2003-10-21	Leather et al.	
/M.M./	47	6639595		2003-10-28	Drebin et al.	
/M.M./	48	6664958		2003-12-16	Leather et al.	
/M.M./	49	6664962		2003-12-16	Komsthoeft et al.	
/M.M./	50	6674438		2004-01-06	Yamamoto et al.	
/M.M./	51	6697074		2004-02-24	Parikh et al.	
/M.M./	52	6707462		2004-03-16	Peercy et al.	

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/M.M./	53	6715053		2004-03-30	Grigor	
/M.M./	54	6717599		2004-04-06	Olano	
/M.M./	55	6734864		2003-07-29	Abgrall	
/M.M./	56	6801202		2004-10-05	Nelson et al.	
/M.M./	57	6867779		2005-03-15	Doyle	
/M.M./	58	6906720		2005-06-14	Emberling et al.	
/M.M./	59	6911984		2005-06-28	Sabella	
/M.M./	60	6919906		2005-07-19	Hoppe et al.	
/M.M./	61	6977661		2005-12-20	Stokes	
/M.M./	62	6995765		2006-02-07	Boudier	
/M.M./	63	7042467		2006-05-09	Hamburg	

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/M.M./	2	20020067418		2002-06-06	Hiroaki	
/M.M./	3	20020093516		2002-07-18	Brunner et al.	
/M.M./	4	20020118217		2002-08-29	Fujiki	
/M.M./	5	20020171682		2002-11-21	Frank et al.	
/M.M./	6	20020174181		2002-11-21	Wei	
/M.M./	7	20030123739		2002-09-05	Graffagnino	
/M.M./	8	20030174136		2003-09-18	Emberling et al.	
/M.M./	9	20040032409		2004-02-19	Girard	

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/M.M./	10	20040223003		2004-11-11	Heirich	
/M.M./	11	20050088447		2005-04-28	Hanggie	
/M.M./	12	20050088452		2005-04-28	Hanggie et al.	
/M.M./	13	20050168471		2005-08-04	Paquette	
/M.M./	14	20050168476		2005-08-04	Levene et al.	

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/M.M./	1	0548586	EP		1993-06-30	International Business Machines Corporation		<input type="checkbox"/>
/M.M./	2	0694879	EP		1996-01-31	Canon Kabushiki Kaisha		<input type="checkbox"/>
/M.M./	3	0972273	EP		2004-03-24	Intergraph Hardware Technologies Company		<input type="checkbox"/>
/M.M./	4	1383080	EP		2004-01-21	Microsoft Corporation		<input type="checkbox"/>

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/M.M./	5	98/45815	WO		1998-10-15	Intergraph Corporation	<input type="checkbox"/>
/M.M./	6	02/09039	WO		2002-01-31	ViewPoint Corporation	<input type="checkbox"/>
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/M.M./	7	International Search Report received in corresponding application number PCT/US05/008804 (119-0033WO) dated July 27, 2005	<input type="checkbox"/>
/M.M./	8	International Search Report received in corresponding application number PCT/US05/008805 (119-0034WO) dated August 8, 2005	<input type="checkbox"/>
/M.M./	9	Haeberli et al.; "The Accumulation Buffer: Hardware Support for High-Quality Rendering;" Computer Graphics, New York, NY; vol. 24, August 1, 1990; pgs. 309-318	<input type="checkbox"/>
/M.M./	10	nVIDIA; "Cg - Teaching Cg;" Power Point Presentation , Author and date unknown	<input type="checkbox"/>
/M.M./	11	Shantzis; "A Model for Efficient and Flexible Image Computing;" Computer Graphics Proceedings, Annual Conference Series; 1994; pp. 147-154	<input type="checkbox"/>
/M.M./	12	Akeley et al; "Real-Time Graphics Architecture;" located at http://www.graphics.stanford.edu/courses/cs448a-01-fall/ ; The OpenGL® Graphics System - CS448 Lecture 15, Fall 2001; 99. 1-20	<input type="checkbox"/>
/M.M./	13	Gelder, et al.; "Direct Volume Rendering with Shading via Three-Dimensional Textures;" Computer Science Dept.; University of California, Santa Cruz, CA 95064	<input type="checkbox"/>
/M.M./	14	Elliot; "Programming Graphics Processors Functionality"	<input type="checkbox"/>
/M.M./	15	Segal et al; "The OpenGL® Graphics System: A Specification (Version 1.5)" Copyright © 1992-2003 Silicon Graphics, Inc.; October 30, 2003	<input type="checkbox"/>
/M.M./	16	"GNU C Compiler Internal;" Internet article located at: http://en.wikibooks.org/wiki/GNU_C_Compiler_Internals/GNU_C_Compiler_Architecture_3_4	<input type="checkbox"/>
/M.M./	17	"Novillo; ""From Source to Binary: The Inner Workings of GCC;" Internet article located at: http://www.rechat.com/magazine/002dec04/features/gcc/ ; Red Hat Magazine, Issue 2, December 2004"	<input type="checkbox"/>

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/M.M./	18	"Berlin et al.; ""High-Level Loop Optimizations for GCC;"" Internet article located at: http://gcc-ca.internet.bs/summit/2004/High%20Level%20Loop%20Optimizations.pdf ; GCC Developers' Summit, June 2-4, 2004, Ottawa, Canada"	<input type="checkbox"/>
/M.M./	19	"Novillo; ""OpenMP and automatic parallelization in GCC;"" Internet article located at: http://people.redhat.com/dnovillo/Papers/gcc2006.pdf ; GCC Developers' Summit, June 28-30, 2006, Ottawa, Canada"	<input type="checkbox"/>
/M.M./	20	"Bothner; ""Gcc Compile Server;"" Internet article located at: http://gcc-ca.internet.bs/summit/2003/GCC%20Compile%20Server.pdf ; GCC Developers' Summit, May 25-27, 2003, Ottawa, Canada"	<input type="checkbox"/>

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